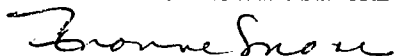


I hereby certify that this correspondence is being filed via EFS-Web with the United States Patent and Trademark Office on July 20, 2007.

PATENT  
Attorney Docket No.: 020547-003010US  
Client Ref. No.: 010057.01

TOWNSEND AND TOWNSEND AND CREW LLP



Yvonne Mock

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

James T. KEALEY et al.

Application No.: 10/621,206

Filed: July 15, 2003

For: Recombinant Host Cells  
Expressing AtoAD and Capable of  
Making a Polyketide Using a  
Starter Unit (as amended)

Customer No.: 20350

Confirmation No. 1089

Examiner: Hope A. Robinson

Art Unit: 1652

AMENDMENT

Mail Stop: RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the final Office Action mailed February 20, 2007, please enter the following amendments and remarks. This response is accompanied by a request for continued examination.

**A listing of the Claims** begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.